

ABSTRACT OF THE DISCLOSURE

An infrared image sensor comprises, a substrate having an image area on which infrared radiation is made incident and a non-image area out of the image area, plural first heat-sensitive parts arranged in rows and columns on the image area, plural second heat-sensitive parts provided in the non-image area so as to correspond to the respective rows of the first heat-sensitive parts in the image area with the same thermoelectric conversion function as that of the first heat-sensitive parts, a bias current supply circuit supplying a bias current to the first heat-sensitive parts and second heat-sensitive parts, an output circuit outputting an electric signal of the first heat-sensitive parts, and a bias current control circuit controlling the bias current to be fed to the first heat-sensitive parts, according to an electric signal of the second heat-sensitive parts.